

***Oxidation Catalysis and Activation of Strong  
Bonds – Exploiting Unique Features of  
Mesoionic C-donor Ligands***

**Prof. Martin Albrecht**

**University College Dublin (Ireland)**

**Friday 10th October, 2014. ICIQ Auditorium, 12 p.m.**

**Professional Career**

Martin Albrecht is currently leading an enthusiastic research group at the University College Dublin, Ireland. He obtained his undergraduate education from the University of Bern (Switzerland) and received his Ph.D under the supervision of Gerard van Koten from Utrecht University (The Netherlands) in 2000. After postdoctoral work with Robert H. Crabtree (Yale) and with Ciba SC (Basel, Switzerland), he was awarded an Alfred Werner Assistant Professorship and started his independent research at the University of Fribourg (Switzerland) before joining the faculty at UCD as full professor in 2009. He has been visiting professor at Otago University (NZ), a Humboldt research fellow (Bessel award 2013) and he has been awarded an ERC Consolidator Grant (2013)



**Research Interests**

His research interests focus on the tailoring of metal centers in a well-defined environment for synthetic, catalytic, biomimetic, and spintronic applications. In recent years, the group has taken a strong interest on the variation of N-heterocyclic carbene ligands, especially on the exploitation of mesoionic imidazolylidene and triazolylidene ligands for catalytic applications, sometimes with a surprising impact.